5. *An Abſtract of a* Letter *from Dr.* VVincler *chief* Phyſitian *of the Prince* Palatine, *Dat.* Dec. 22. 1682. *to Dr.* Fred. Slare *Fellow of the* Royal Society, *containing an account of a* Murren *in* Switzerland, *and the* Method *of its* cure.

ON the borders of *Italy* a *Murren* infected the *Cattle* which ſpread farther into *Switzerland*, the Territories of *Wirtemburg*, and over other *Provinces*, and made great deſtruction amongſt the *Cattle*. The *Contagion* ſeem'd to propagate it ſelf in the form of a *Blew-Miſt*, that fell upon thoſe *Paſtures* where the *Cattle* grazed, inſomuch that herds have returned home ſick; being very dull, forbearing their food, moſt of them would dy away in twenty four hours. Upon diſſections were diſcovered large and corrupted *Spleens*, ſphacelous and corroded *Tongues*; ſome had *Angina Maligna's*. Thoſe perſons that careleſly managed their *Cattle* without a due reſpect to their own health, were themſelves infected and dyed away like their *Beaſts*.

Having had timely Notice of this *Lues* from our Neighbours we made ſuch Proviſion againſt the invading diſeaſe, that very few of thoſe that were infected by the *Murrain* dyed. Some impute this *Contagion* to the *Witch-craft* of three *Capucins* in *Switzerland*: But perhaps it may more probably proceed from ſome *Noxious Exha-*

The Royal Society is collaborating with JSTOR to digitize, preserve, and extend access to *Philosophical Transactions (1683-1775)*. www.jstor.org

lations thrown out of the *Earth*, by three distinct *Earth-quakes* perceived here and in our Neighbourhood in the Space of one year.

The *Method* of *Cure* for the *Cattle*.

As soon as ever there was any Suspition of the *Contagion* upon any one of the *Herd*, the tongue of that *beast* was carefully examined, in case they found any *Aptha* or *Blisters* whether White, Yellow or Black, then they were obliged to rub, scratch and tear the *Tongue* with a *Silver Instrument* (being about the bredth and thickness of a *Six-pence* but indented on the sides, and having a hole in the middle, whereby its fastened to a *Stick*, or *handle* as Fig. 14.) so that it *bleed*, then they must wipe away the Blood and Corruption with new *unwashen* linnen. This done a *Lotion* for the *Tongue* is used, made of *Salt* and good *Vinegar*.

The *Antidote* for the diseased *Cattle*, and the Medicine for the sick is the same, and is thus described.

Take of *Soot*, *Gun-powder*, *Brimstone*, *Salt*, equal parts, and as much *water* as is necessary to wash it down, give a large spoonful for a *Dose*.

A further confirmation of the above mentioned Contagion, *of its nature, and manner of spreading, by way of* Postscript *from the ingenious* Fred. Slare. *M. D.* and *F. R. S. Dat.* March 27. 1683.

——I lately received an account of *Two* ingenious *Travelers*, who assured me the *contagion* had reached their Quarters on the borders of *Poland*, having pass'd quite through *Germany*, and that the *Method* used in our *Relation* preserved and cured their *Cattle*. They told me the *Contagion* was observed to make its progress dayly, spreading near two *German* Miles in twenty four hours. This they say

ſay was certainly obſerved by many *curious perſons*, that it continually without intermiſſion made progreſſive voyages and ſuffered no neighbouring *Pariſh* to eſcape; ſo that it did not at the ſame time infect places at great diſtances. They added that *cattle* ſecured at rack and manger were equally infected with thoſe in the *Field*. It were worth the conſidering whether this *infection* is not carryed on by ſome volatile *Inſect*, that is able to make only ſuch ſhort flights as may amount to ſuch computations: For the account of the *Ancients* concerning the grand *peſtilential Contagions* is very little ſatisfactory to this *Age*, who derive it from a blind *putrefaction*, from the *incantations* of ill *Men*; or from the *conjunctions* of inauſpicious *Planets*. I wiſh Mr. *Leewenhoeck* had been preſent at ſome of the *diſſections* of theſe infected *Animals*, I am perſwaded He would have diſcovered ſome ſtrange *Inſect* or other in them.———

Fig. 1.

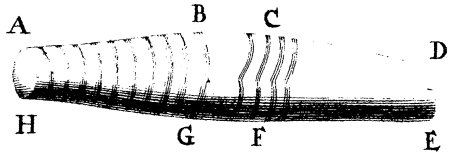


Fig. 2.

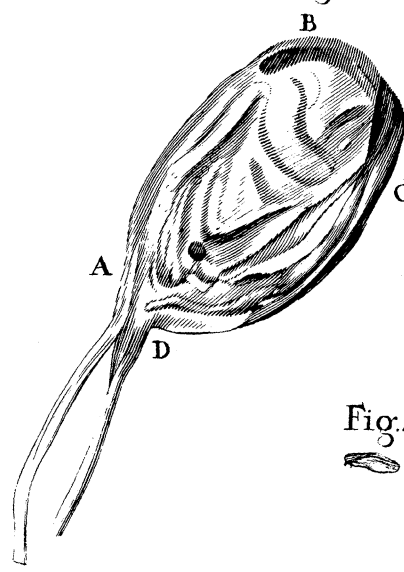


Fig. 3.

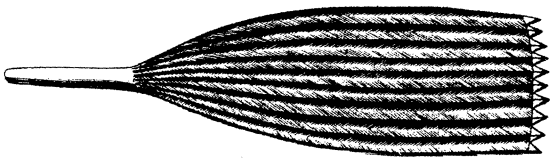


Fig. 4.

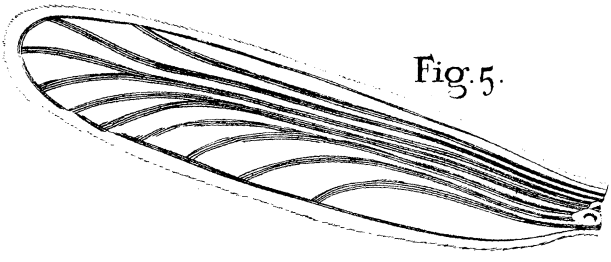
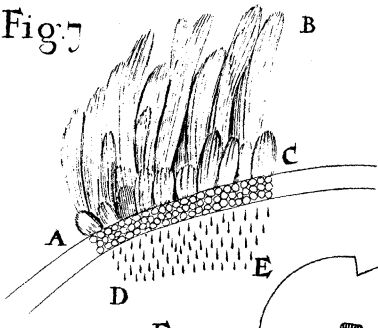


Fig. 5.

Fig. 6.

Fig. 7



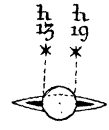


Fig. 8.

Fig. 9.

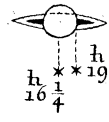


Fig. 10

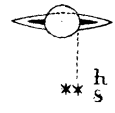


Fig. 11.

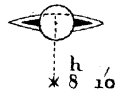
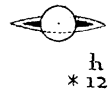


Fig. 12.



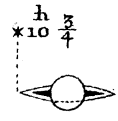


Fig. 13.

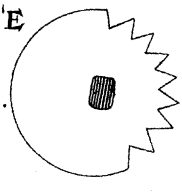



Fig. 14.